

| Maximum Performance Mode | | | Battery Optimized Mode | | |
|--------------------------|---------|------------------------|------------------------|---------|------------------------|
| Frequency | Voltage | Max. Power Consumption | Frequency | Voltage | Max. Power Consumption |
| 500 MHz | 1.1 V | 8.1 W | 300 MHz | .975 V | 4.5 W |
| 600 MHz | 1.1 V | 9.7 W | 300 MHz | .975 V | 4.5 W |
| 600 MHz | 1.35 V | 14.4 W | 500 MHz | 1.10 V | 8.1 W |
| 600 MHz | 1.6 V | 20.0 W | 500 MHz | 1.35 V | 12.2 W |
| 650 MHz | 1.6 V | 21.5 W | 500 MHz | 1.35 V | 12.2 W |
| 700 MHz | 1.6 V | 23.0 W | 550 MHz | 1.35 V | 13.2 W |
| 750 MHz | 1.35 V | 17.2 W | 500 MHz | 1.10 V | 8.1 W |
| 750 MHz | 1.6 V | 24.6 W | 550 MHz | 1.35 V | 13.2 W |
| 800 MHz | 1.6 V | 25.9 W | 650 MHz | 1.35 V | 15.1 W |
| 850 MHz | 1.6 V | 27.5 W | 750 MHz | 1.35 V | 16.1 W |
| 900 MHz | 1.7 V | 30.7 W | 700 MHz | 1.35 V | 16.1 W |
| 1 GHz | 1.7 V | 34.0 W | 700 MHz | 1.35 V | 16.1 W |

Fig. 1 Prior art

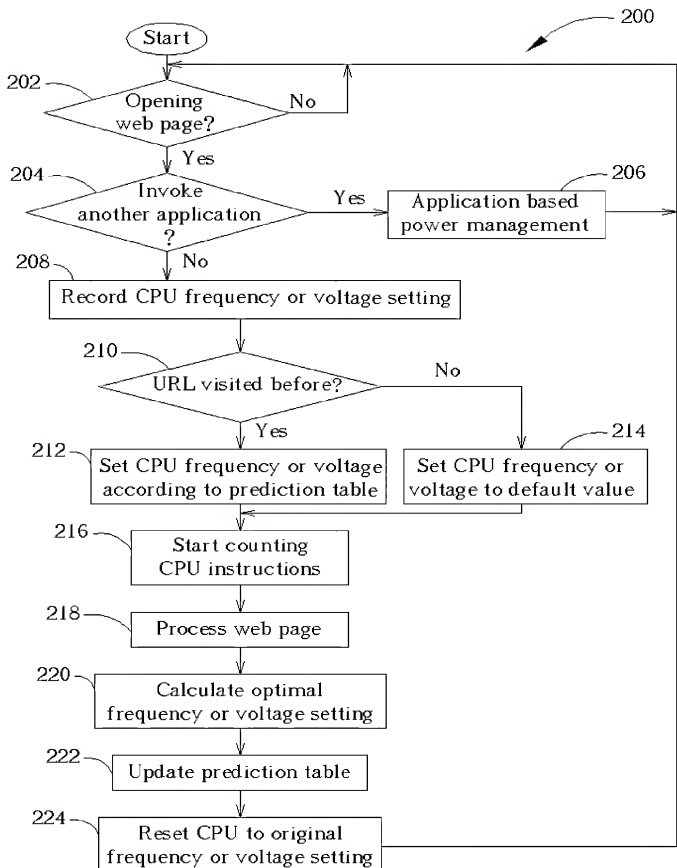


Fig. 2

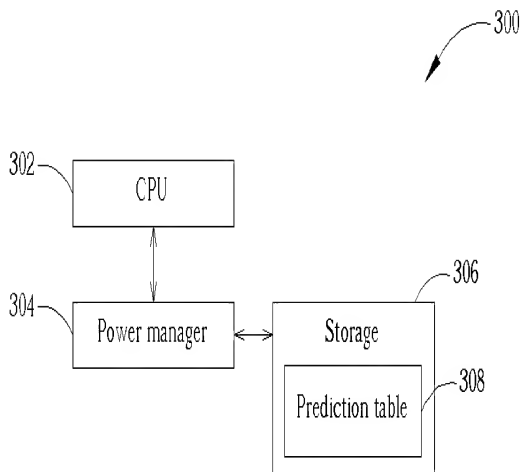


Fig. 3

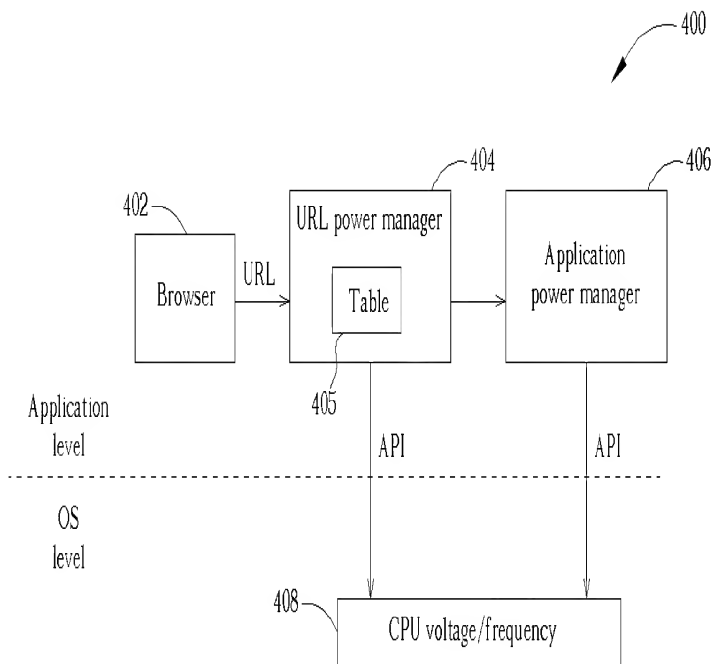


Fig. 4

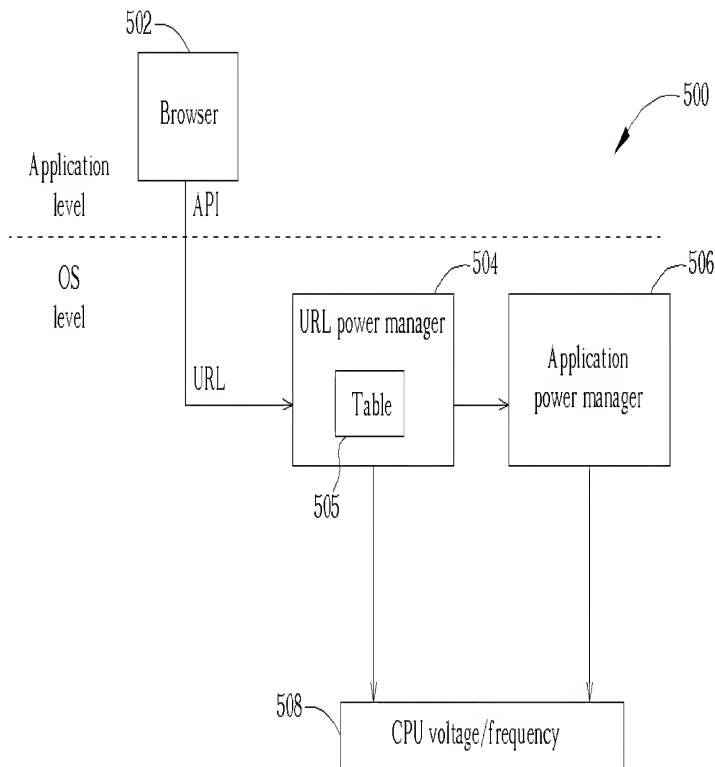


Fig. 5